Please replace the paragraph beginning at page 11, line 1 with the following rewritten version:

The diffusion speed of the target substance into the structure will increase as the concentration of the target substance increases, so the range in which a substance will be detected whose quantity increases or decreases by means of the reaction between the target substance and the ~~test specimen~~ reagent will become larger. Thus, a target substance can be quantitatively measured by measuring the location at which the quantitatively increasing or decreasing substance is detected after a predetermined period of time has elapsed.

Please replace the paragraph beginning at page 11, line 8 with the following rewritten version:

A seventh ~~invention~~ aspect of the present ~~application~~ invention provides a quantitative measurement method according to the first ~~invention~~ aspect of the present ~~application~~ invention, in which in the detection step, the concentration distribution of the quantitatively increasing or decreasing substance is detected at a distance from the contact interface between the test specimen and the structure by scanning the structure after the contacting step.

SIC
11/2/06

Please replace the paragraph beginning at page 11, line ~~28~~ 19 with the following rewritten version:

An eighth ~~invention~~ aspect of the present ~~application~~ invention provides a quantitative measurement method according to the first ~~invention~~ aspect of the present

~~application~~ invention, in which in the detection step, the quantitatively increasing or decreasing substance is detected by measuring the light absorbency of the quantitatively increasing or decreasing substance.

SC 11/22/06

Please replace the paragraph beginning at page 11, line ~~19~~ 24 with the following rewritten version:

A ninth ~~invention~~ aspect of the present ~~application~~ invention provides a quantitative measurement method according to the first ~~invention~~ aspect of the present ~~application~~ invention, further comprising a diffusion promoting step which promotes the diffusion of a target substance into the structure by applying a voltage to a target substance having an electrical charge.

Please replace the paragraph beginning at page 12, line 3 with the following rewritten version:

A tenth ~~invention~~ aspect of the present ~~application~~ invention provides a quantitative measurement chip comprising a reaction cell having a structure which is formed with a three dimensional mesh structure material, the structure containing a reagent that reacts with a target substance in the mesh; a photoreceptor and photoemitter for measuring, at a contact interface between the test specimen and the reagent, the light absorbance of a substance whose quantity increases or decreases within the reaction cell by means of the reaction between the target substance and the reagent; and an injection tube for injecting a test specimen containing the target substance into the reaction cell. The mesh structure allows at least the target substance to pass therethrough.